

### **ABSTRACT**

Principles of the present invention provide a method of performing an availability check on a mobile device. The method includes receiving an item number and a requested quantity of the item number. The method creates an availability query with parameters comprising the item number and the quantity, connects to a principal computing platform, and sends the availability query to the principal computing platform. The method receives a query result from the principal computing platform, the query result indicates the availability of the item number at the requested quantity.